

## Prof. Dr. GÜLCE ÖĞRÜÇ İLDİZ

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: JZS-8424-2024

ScopusID: 55179338700

Yoksis Araştırmacı ID: 107326

### Eğitim Bilgileri

Post Doktora, Universidade de Coimbra, Department of Chemistry, Laboratory for Molecular Cryospectroscopy and Biospectroscopy (LMCB), Portekiz 2016 - 2017

Post Doktora, Universidade de Coimbra, Department of Chemistry, Laboratory for Molecular Cryospectroscopy and Biospectroscopy (LMCB), Portekiz 2012 - 2012

Doktora, İstanbul Kültür Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Ve Proje Yönetimi (YI) (Tezli), Türkiye 2003 - 2009

Doktora, İstanbul Üniversitesi, Fen Fakültesi, Fizik Bölümü, Türkiye 2004 - 2008

Yüksek Lisans, İstanbul Teknik Üniversitesi, Enerji Enstitüsü, Nükleer Araştırmalar Anabilim Dalı, Türkiye 2001 - 2004

Yüksek Lisans, İstanbul Kültür Üniversitesi, Lisansüstü Eğitim Enstitüsü, İşletme Anabilim Dalı, Türkiye 2001 - 2003

Lisans, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Mühendisliği Bölümü, Türkiye 1995 - 2001

### Yabancı Diller

İngilizce, C1 İleri

### Yaptığı Tezler

Doktora, İnşaat Firmalarında Proje Müdürlerinin İş Yükü, İş Stresi, İş Tatmini ve Motivasyon İlişkisi, İstanbul Kültür Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Ve Proje Yönetimi (YI) (Tezli), 2009

Doktora, Sülfon ve sülfonamid gruplu moleküllerin konformasyonlarının ve titreşim enerjilerinin kuantum kimyasal yöntemler ile incelenmesi, İstanbul Üniversitesi, Fen Fakültesi, Fizik Bölümü, 2008

Yüksek Lisans, Farklı Malzemelerin Sr-90 Beta Kaynağı Karşısındaki Davranışı, İstanbul Teknik Üniversitesi, Enerji Enstitüsü, Nükleer Araştırmalar Anabilim Dalı, 2004

### Araştırma Alanları

Temel Bilimler

## Akademik Unvanlar / Görevler

Prof. Dr., İstanbul Kültür Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2020 - Devam Ediyor  
Doç. Dr., İstanbul Kültür Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2015 - 2020  
Yrd. Doç. Dr., İstanbul Kültür Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2010 - 2015  
Öğretim Görevlisi Dr., İstanbul Kültür Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2009 - 2010  
Araştırma Görevlisi, İstanbul Kültür Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2008 - 2009  
Araştırma Görevlisi, İstanbul Kültür Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2004 - 2008  
Araştırma Görevlisi, İstanbul Kültür Üniversitesi, Teknik Bilimler Meslek Yüksekokulu, Bilgisayar Teknolojileri Bölümü, 2003 - 2004

## Akademik İdari Deneyim

İstanbul Kültür Üniversitesi, 2022 - Devam Ediyor  
İstanbul Kültür Üniversitesi, 2021 - Devam Ediyor  
İstanbul Kültür Üniversitesi, 2016 - Devam Ediyor  
Fakülte Yönetim Kurulu Üyesi, İstanbul Kültür Üniversitesi, Mühendislik Fakültesi, 2019 - 2021

## Verdiği Dersler

PHYSICS-I-C, Lisans, 2019 - 2020  
HEKES İÇİN MODERN FİZİK, Lisans, 2019 - 2020  
PHYSIS I-D, Lisans, 2019 - 2020  
MODERN PHYSICS FOR EVERYONE, Lisans, 2019 - 2020, 2018 - 2019  
PHYSICS-D, Lisans, 2018 - 2019  
KUANTUM KİMYASAL HESAPLAMA YÖNTEMLERİ, Yüksek Lisans, 2018 - 2019, 2017 - 2018  
MOLEKÜLER SPEKTROSKOPİ, Yüksek Lisans, 2018 - 2019, 2017 - 2018  
PHYSICS-C, Lisans, 2018 - 2019  
PHYSICS-A, Lisans, 2018 - 2019  
BİLGİSAYAR DESTEKLİ VERİ ANALİZİ, Yüksek Lisans, 2018 - 2019, 2017 - 2018  
PHYSICS II-A, Lisans, 2017 - 2018, 2016 - 2017  
PHYSICS II-C, Lisans, 2017 - 2018, 2016 - 2017  
PHYSICS I-A, Lisans, 2017 - 2018, 2016 - 2017  
PHYSICS I-D, Lisans, 2017 - 2018, 2016 - 2017  
PHYSICS I-C, Lisans, 2017 - 2018, 2016 - 2017  
Atom Molekül Fiziği Laboratuvarı, Lisans, 2017 - 2018  
PHYSICS II-D, Lisans, 2017 - 2018, 2016 - 2017  
Radyasyon Fiziği, Lisans, 2017 - 2018  
KUANTUM FİZİĞİ II, Lisans, 2016 - 2017, 2014 - 2015, 2013 - 2014  
KLASİK TEORİK MEKANİK, Lisans, 2016 - 2017  
KUANTUM FİZİĞİ I, Lisans, 2016 - 2017, 2014 - 2015, 2013 - 2014  
PHYSICS I, Lisans, 2014 - 2015, 2013 - 2014, 2012 - 2013  
PHYSICS II, Lisans, 2014 - 2015, 2013 - 2014, 2012 - 2013  
BİTİRME TEZİ, Lisans, 2014 - 2015  
ATOM VE MOLEKÜL FİZİĞİ LABORATUVARI, Lisans, 2014 - 2015, 2013 - 2014, 2012 - 2013  
PHYSICS LABORATORY I, Lisans, 2013 - 2014, 2012 - 2013  
PHYSICS LABORATORY II, Lisans, 2013 - 2014, 2012 - 2013

## Yönetilen Tezler

GÜLCE Ö. I., Fulgurit'in spektroskopik yöntemlerle yapısal karakterizasyonu, Yüksek Lisans, A.KARADAĞ(Öğrenci), 2022  
GÜLCE Ö. I., Şizofreni ve bipolar manik bozukluğun raman spektroskopik ve kemometrik analiz yöntemleriyle ayrıştırılması, Yüksek Lisans, H.NUR(Öğrenci), 2021

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Preface "Molecular Structure and Mechanisms of Action of Antioxidants"**  
ÖĞRÜÇ İLDİZ G., de Azevedo Jr W. F., Fausto R.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.1319, 2025 (SCI-Expanded)
- II. **Crystallization Kinetics: Relationship between Crystal Morphology and the Cooling Rate-Applications for Different Geological Materials**  
AYSAL N., Kurt Y., ÖĞRÜÇ İLDİZ G., ÖZTÜRK H., YEŞİLTAŞ M., LAÇİN D., Ongen S., Nikitin T., Fausto R.  
CRYSTALS, cilt.13, sa.7, 2023 (SCI-Expanded)
- III. **Structure, Vibrational Spectra, and Cryogenic MatrixPhotochemistry of 6-Bromopyridine-2-carbaldehyde: From the Single Molecule of the Compound to the Neat Crystalline Material**  
Brito A. L. B., Lopes S., Ogruc Ildiz G., Fausto R.  
MOLECULES, cilt.28, sa.4, 2023 (SCI-Expanded)
- IV. **Structure, conformational landscape and UV-induced selective rotamerization of 2-aminoacetanilide**  
Brito A. L. B., Justino L. L. G., ÇATIKKAŞ B., Lopes S., Ildiz G., Fausto R.  
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, cilt.435, 2023 (SCI-Expanded)
- V. **Investigation of menopause-induced changes on hair by Raman spectroscopy and chemometrics**  
Brito A. L. B., Brueggen C., Ildiz G., Fausto R.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.275, 2022 (SCI-Expanded)
- VI. **Micro-Raman Spectroscopy and X-ray Diffraction Analyses of the Core and Shell Compartments of an Iron-Rich Fulgurite**  
Karadag A., Kaygisiz E., Nikitin T., Ongen S., ÖĞRÜÇ İLDİZ G., AYSAL N., Yilmaz A., Fausto R.  
MOLECULES, cilt.27, sa.10, 2022 (SCI-Expanded)
- VII. **UV-induced-OCH<sub>3</sub> rotamerization in a matrix-isolated methoxy-substituted <i>ortho</i>-hydroxyaryl Schiff base**  
SIDİR İ., SIDİR Y. G., Gobi S., Berber H., ÖĞRÜÇ İLDİZ G., Fausto R.  
PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES, cilt.21, sa.5, ss.835-847, 2022 (SCI-Expanded)
- VIII. **IR-induced and tunneling reactions in cryogenic matrices: the (incomplete) story of a successful endeavor**  
Fausto R., Ildiz G., Nunes C. M.  
CHEMICAL SOCIETY REVIEWS, cilt.51, sa.7, ss.2853-2872, 2022 (SCI-Expanded)
- IX. **A new tetramine bis(2-naphthol)-derivative fluorescent chemosensor for aluminum ion (Al<sup>3+</sup>)**  
Golbedaghi R., Ildiz G., Azadbakht R., Fausto R.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.1250, 2022 (SCI-Expanded)
- X. **Investigation of the magnetocaloric effect and the critical behavior of the interacting superparamagnetic nanoparticles of La<sub>0.8</sub>Sr<sub>0.15</sub>Na<sub>0.05</sub>MnO<sub>3</sub>**  
Tozri A., Alhalafi S., Alrowaili Z. A., Horchani M., Omri A., Skini R., Ghorai S., Benali A., Costa B. F. O., Ildiz G.  
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.890, 2022 (SCI-Expanded)
- XI. **PLS-DA Model for the Evaluation of Attention Deficit and Hyperactivity Disorder in Children and Adolescents through Blood Serum FTIR Spectra**  
ÖĞRÜÇ İLDİZ G., Karadag A., Kaygisiz E., Fausto R.  
MOLECULES, cilt.26, sa.11, 2021 (SCI-Expanded)
- XII. **Molecular structure, spectroscopy and photochemistry of alprazolam**

- Ildiz G., Tabanez A. M., Nunes A., Roque J. P. L., Justino L. L. G., Ramos M. L., Fausto R.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.1247, 2021 (SCI-Expanded)
- XIII. **Conformational Analysis, Spectroscopy and Photochemistry of Matrix-Isolated 1*H*- and 2*H*- Tautomeric Forms of Ethyl Tetrazole-5-Carboxylate**  
Ildiz G., Fausto R.  
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, 2021 (SCI-Expanded)
- XIV. **The crystal structure and Raman spectrum of the sodium salt of 5-Acetic acid hydantoin**  
Nogueira B. A., Ildiz G., Tabanez A. M., Henriques M. S. C., Paixao J. A., Fausto R.  
JOURNAL OF MOLECULAR STRUCTURE, 2020 (SCI-Expanded)
- XV. **Structural Aspects of the *Ortho* Chloro- and Fluoro- Substituted Benzoic Acids: Implications on Chemical Properties**  
Ildiz G., Fausto R.  
MOLECULES, sa.21, 2020 (SCI-Expanded)
- XVI. **Auxiliary differential diagnosis of schizophrenia and phases of bipolar disorder based on the blood serum Raman spectra**  
ÖĞRÜÇ İLDİZ G., BAYARI S., Aksoy U. M., YORGUNER N., Bulut H., Yilmaz S. S., Halimoglu G., Kabuk H. N., YAVUZ DOĞAN G., Fausto R.  
JOURNAL OF RAMAN SPECTROSCOPY, cilt.51, sa.11, ss.2233-2244, 2020 (SCI-Expanded)
- XVII. **Polymorphism in 1-methylhydantoin: investigation by periodic DFT calculations and characterization of the third polymorph**  
Nogueira B. A., Milani A., Ildiz G., Paixao J. A., Castiglioni C., Fausto R.  
CRYSTENGCOMM, sa.38, ss.6347-6359, 2020 (SCI-Expanded)
- XVIII. **Conformational Landscape and Polymorphism in 5-Acetic Acid Hydantoin**  
Nogueira B. A., Ildiz G., Canotilho J., Eusebio M. E. S., Henriques M. S. C., Paixao J. A., Fausto R.  
JOURNAL OF PHYSICAL CHEMISTRY A, sa.31, ss.6303-6318, 2020 (SCI-Expanded)
- XIX. **Thiabendazole and Thiabendazole-Formic Acid Solvate: A Computational, Crystallographic, Spectroscopic and Thermal Study**  
Tabanez A. M., Nogueira B. A., Milani A., Eusebio M. E. S., Paixao J. A., Nur Kabuk H., Jajuga M., Ildiz G., Fausto R.  
MOLECULES, sa.13, 2020 (SCI-Expanded)
- XX. **Fourier Transform Infrared Spectroscopy Based Complementary Diagnosis Tool for Autism Spectrum Disorder in Children and Adolescents**  
ÖĞRÜÇ İLDİZ G., BAYARI S., Karadag A., Kaygisiz E., Fausto R.  
MOLECULES, cilt.25, sa.9, 2020 (SCI-Expanded)
- XXI. **Raman Spectroscopic and Chemometric Investigation of Lipid-Protein Ratio Contents of Soybean Mutants**  
ÖĞRÜÇ İLDİZ G., ÇELİK Ö., ATAĞ Ç., YILMAZ A., Kabuk H. N., Kaygisiz E., AYAN A., MERİÇ S., Fausto R.  
APPLIED SPECTROSCOPY, cilt.74, sa.1, ss.34-41, 2020 (SCI-Expanded)
- XXII. **Molecular Spectroscopy and Molecular Structure - A collection of contributions presented at the 34th European Congress on Molecular Spectroscopy (EUCMOS 2018)**  
Fausto R., ÖĞRÜÇ İLDİZ G., Schmitt M.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.1195, ss.555, 2019 (SCI-Expanded)
- XXIII. **UV-induced conformational isomerization and photochemistry of 3-chloro-4-methoxybenzaldehyde in cryogenic inert matrices**  
Ogruc Ildiz G., Konarska J., Fausto R.  
JOURNAL OF CHEMICAL PHYSICS, sa.10, 2019 (SCI-Expanded)
- XXIV. **A comparative study of the yellow dent and purple flint maize kernel components by Raman spectroscopy and chemometrics**  
ÖĞRÜÇ İLDİZ G., Kabuk H. N., Kaplan E. S., Halimoglu G., Fausto R.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.1184, ss.246-253, 2019 (SCI-Expanded)
- XXV. **The Saricicek howardite fall in Turkey: Source crater of HED meteorites on Vesta and impact risk of Vestoids**

- ÜNSALAN O., Jenniskens P., Yin Q., Kaygisiz E., Albers J., Clark D. L., Granvik M., DEMİRKOL İ., ERDOĞAN İ. Y., BENGÜ A. Ş., et al.  
METEORITICS & PLANETARY SCIENCE, cilt.54, sa.5, ss.953-1008, 2019 (SCI-Expanded)
- XXVI. **Structure, spectroscopic properties and catalytic activity for epoxide ring-opening of nickel methylxanthate**  
Kumar G., Kumar R., Ogruc-Ildiz G., Fausto R., Husain A.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.1177, ss.33-46, 2019 (SCI-Expanded)
- XXVII. **Hydantoins and Mercaptoimidazoles: Vibrational Spectroscopy as a Probe of Structure and Reactivity in Different Environments, from the Isolated Molecule to Polymorphs**  
Fausto R., Ildiz G., Bras E. M., Nogueira B. A.  
MOLECULAR SPECTROSCOPY-EXPERIMENT AND THEORY: FROM MOLECULES TO FUNCTIONAL MATERIALS, ss.199-222, 2019 (SCI-Expanded)
- XXVIII. **Molecular spectroscopy and molecular structure - Selected communications presented at the 3rd international Turkish congress on molecular spectroscopy (TURCMOS 2017) Preface**  
Fausto R., ÖĞRÜÇ İLDİZ G., ÜNSALAN O.  
JOURNAL OF MOLECULAR STRUCTURE, ss.1-2, 2018 (SCI-Expanded)
- XXIX. **Structural transformations of 3-fluoro and 3-fluoro-4-methoxy benzaldehydes under cryogenic conditions: A computational and low temperature infrared spectroscopy investigation**  
Ogruc Ildiz G., Konarska J., Fausto R.  
CHEMICAL PHYSICS, ss.7-19, 2018 (SCI-Expanded)
- XXX. **Near-infrared *in situ* generation of the higher-energy *trans* conformer of tribromoacetic acid: Observation of a large-scale matrix-site changing mediated by conformational conversion**  
Apostolo R. F. G., Bazso G., Ogruc-Ildiz G., Tarczay G., Fausto R.  
JOURNAL OF CHEMICAL PHYSICS, cilt.148, sa.4, 2018 (SCI-Expanded)
- XXXI. **Structural and spectroscopic characterization of the second polymorph of 1-methylhydantoin**  
Nogueira B. A., Ildiz G., Henriques M. S. C., Paixao J. A., Fausto R.  
JOURNAL OF MOLECULAR STRUCTURE, ss.111-118, 2017 (SCI-Expanded)
- XXXII. **5-Methylhydantoin: From Isolated Molecules in a Low-Temperature Argon Matrix to Solid State Polymorphs Characterization**  
Nogueira B. A., Ildiz G., Canotilho J., Eusebio M. E. S., Henriques M. S. C., Paixao J. A., Fausto R.  
JOURNAL OF PHYSICAL CHEMISTRY A, sa.28, ss.5267-5279, 2017 (SCI-Expanded)
- XXXIII. **FT-IR spectroscopy and multivariate analysis as an auxiliary tool for diagnosis of mental disorders: Bipolar and schizophrenia cases**  
Ildiz G., Arslan M., ÜNSALAN O., Araujo-Andrade C., Kurt E., Karatepe H. T., YILMAZ A., BÖLÜKBAŞI YALÇINKAYA O., Herken H.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, ss.551-556, 2016 (SCI-Expanded)
- XXXIV. **Molecular spectroscopy and molecular structure - Selected communications presented at the 1st International Turkish Congress on Molecular Spectroscopy (TURCMOS 2013) Preface**  
Durig J. R., Fausto R., ÜNSALAN O., BAYARI S., Kus N., ÖĞRÜÇ İLDİZ G.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, ss.523-524, 2016 (SCI-Expanded)
- XXXV. **Molecular Structure, Infrared Spectra, Photochemistry, and Thermal Properties of 1-Methylhydantoin**  
Nogueira B. A., Ildiz G., Canotilho J., Eusebio M. E. S., Fausto R.  
JOURNAL OF PHYSICAL CHEMISTRY A, sa.31, ss.5994-6008, 2014 (SCI-Expanded)
- XXXVI. **Matrix Isolation Infrared Spectra and Photochemistry of Hydantoin**  
Ildiz G., Nunes C. M., Fausto R.  
JOURNAL OF PHYSICAL CHEMISTRY A, sa.4, ss.726-734, 2013 (SCI-Expanded)
- XXXVII. **FTIR investigation of the O-H ... Xe interaction in simple carboxylic acids in solid xenon**

- Ildiz G., Nunes C. M., Kus N., Fausto R.  
JOURNAL OF CHEMICAL PHYSICS, sa.6, 2012 (SCI-Expanded)
- XXXVIII. **Micro-Raman, FTIR, SEM-EDX and structural analysis of the Canakkale meteorite**  
ÜNSALAN O., YILMAZ A., BÖLÜKBAŞI YALÇINKAYA O., Ozturk B., ESENOĞLU H. H., Ildiz G., Örnek C.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, ss.250-255, 2012 (SCI-Expanded)
- XXXIX. **FTIR spectroscopic and quantum chemical studies on hydantoin**  
ÖĞRÜÇ İLDİZ G., Boz I., ÜNSALAN O.  
OPTICS AND SPECTROSCOPY, cilt.112, sa.5, ss.665-670, 2012 (SCI-Expanded)
- XL. **Conformational analysis and vibrational spectroscopic studies on dapsone**  
ÖĞRÜÇ İLDİZ G., AKYÜZ S.  
OPTICS AND SPECTROSCOPY, cilt.113, sa.5, ss.495-504, 2012 (SCI-Expanded)
- XLI. **Conformational analysis and vibrational study of sulfanilamide**  
ÖĞRÜÇ İLDİZ G., AKYÜZ S.  
VIBRATIONAL SPECTROSCOPY, cilt.58, ss.12-18, 2012 (SCI-Expanded)
- XLII. **Experimental, *ab initio* and density functional theory studies on sulfadiazine**  
ÖĞRÜÇ İLDİZ G., AKYÜZ S., ÖZEL A.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.924-926, ss.514-522, 2009 (SCI-Expanded)

## Diğer Dergilerde Yayınlanan Makaleler

- Raman Spectra of Blood Serum as Holistic Biomarker for Differential Auxiliary Diagnoses of Attention Deficit and Hyperactivity Disorder (ADHD) in Adults**  
Yavuz Doğan G., Halimoglu G., Kaplanoğlu D., Aksoy U. M., Kandeger A., Yavuz E., Kartal S., Fausto R., Ildiz G. O.  
PROCEEDINGS (MDPI), cilt.2, ss.53-62, 2024 (Hakemli Dergi)

## Kitap & Kitap Bölümleri

- Intramolecular Hydrogen Bonding: Shaping Conformers' Structure and Stability**  
ÖĞRÜÇ İLDİZ G., Rui F.  
Spectroscopy and Computation of Hydrogen Bonded Systems, Wojcik, Marek, Ozaki, Yukihiro, Editör, Wiley-VCH, WEINHEIM, ss.1-21, 2022
- Fizik Laboratuvarı Deney Kitabı: Elektrik ve Manyetizma**  
YELKENCİ A. F., ÖĞRÜÇ İLDİZ G., ÖZER M., IŞIK E.  
İKÜ Yayınevi, İstanbul, 2013
- Physics Laboratory Manual: Mechanics 2nd Edition**  
YELKENCİ A. F., HACİBEKİROĞLU G., ÖZER M., IŞIK E., ÖĞRÜÇ İLDİZ G.  
İKÜ Yayınevi, İstanbul, 2013

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- Conformational Analysis and Photochemistry of 2-Chloro-6-fluorobenzoic Acid Monomers in Solid Xenon**  
ÖĞRÜÇ İLDİZ G., Rui F., BAYARI S., ÇELİK Ö., ATAK Ç., Kaygisiz E., Kabuk H. N., AYAN A., MERİÇ S., YAVUZ G., et al.  
EastWest Chemistry Conference (EWCC), Palermo, İtalya, 13 - 15 Kasım 2019
- Vibrational Spectroscopy as a Tool to Diagnose Psychiatric and Neurodevelopmental Disorders, Through Chemometrics Analysis of Spectral Data of Blood Plasma Samples**  
ÖĞRÜÇ İLDİZ G., Rui F., BAYARI S., ÇELİK Ö., ATAK Ç., Kaygisiz E., Kabuk H. N., AYAN A., MERİÇ S., YAVUZ G., et al.

EastWest Chemistry Conference (EWCC), Palermo, İtalya, 13 - 15 Kasım 2019

- III. **UV-Induced Transformations of 3-Chloro-4-methoxy-benzaldehyde in Low-Temperature Matrices**  
ÖĞRÜÇ İLDİZ G., Fausto R.  
XVth International Conference on Molecular Spectroscopy from Molecules to Molecular Materials Molecular Biological Systems and Nanostructures, Wroclaw, Polonya, 14 - 20 Eylül 2019
- IV. **Vibrational Spectroscopy and Chemometrics in the Diagnosis of Schizophrenia and Bipolar Disorder**  
YAVUZ G., ÖĞRÜÇ İLDİZ G.  
Molecular Spectroscopy and Biological Applications, 17 - 18 Haziran 2019
- V. **Raman Spectroscopic and Chemometric Study on Yellow Dent and Purple Flint Maize Kernel**  
ÖĞRÜÇ İLDİZ G., KARADAĞ A.  
INTERNATIONAL WORKSHOP ON MOLECULAR SPECTROSCOPY AND BIOLOGICAL APPLICATIONS JUNE 17-, İstanbul, Türkiye, 17 - 19 Haziran 2019
- VI. **Attention Deficit / Hyperactivity Disorder in Adults: A Biomarker Study**  
ÖĞRÜÇ İLDİZ G., KARADAĞ A.  
INTERNATIONAL WORKSHOP ON MOLECULAR SPECTROSCOPY AND BIOLOGICAL APPLICATIONS JUNE 17-, İstanbul, Türkiye, 17 - 19 Haziran 2019
- VII. **X-ray Powder Diffraction (XRD) Study of a Fulgurite**  
ÖĞRÜÇ İLDİZ G., KARADAĞ A.  
INTERNATIONAL WORKSHOP ON MOLECULAR SPECTROSCOPY AND BIOLOGICAL APPLICATIONS JUNE 17-, İstanbul, Türkiye, 17 - 19 Haziran 2019
- VIII. **Vibrational Spectroscopy and Chemometrics in the Diagnosis of Schizophrenia (SZ) and Bipolar Disorder (BP)**  
ÖĞRÜÇ İLDİZ G., KARADAĞ A.  
INTERNATIONAL WORKSHOP ON MOLECULAR SPECTROSCOPY AND BIOLOGICAL APPLICATIONS JUNE 17-, İstanbul, Türkiye, 17 - 19 Haziran 2019
- IX. **Composition Analysis of Soybean Salt-Resistant Mutants by Raman Spectroscopy and Chemometrics**  
ÖĞRÜÇ İLDİZ G., ÇELİK Ö., ATAK Ç., YILMAZ A., Kabuk H. N., Kaygisiz E., AYAN A., MERİÇ S., Fausto R.  
Analytical and Bionalytical Methods Conference, San-Francisco, Kostarika, 29 Nisan - 01 Mayıs 2019
- X. **Large-Scale Matrix-Site Changing Mediated by Conformational**  
ÖĞRÜÇ İLDİZ G., Fausto R.  
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- XI. **Structure and Spectroscopic Properties of Nickel(II) Dimethylxanthate**  
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Atf (WoS): 277

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